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1 [Communications of the ACM: Volume 51 Issue 12](#)December 2008 [Communications of the ACM](#) **Publisher:** ACMFull text available: [Digital Edition](#), [Pdf](#) (6.91 MB) Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 469, Downloads (12 Months): 3792, Citi2 [Puppelnets: misusing web browsers as a distributed attack infrastruc](#)

V. T. Lam, S. Antonatos, P. Akritidis, K. G. Anagnostakis

October 2006 **CCS '06: Proceedings of the 13th ACM conference on Comput****Publisher:** ACM [Request Permissions](#)Full text available: [Pdf](#) (871.35 KB) Additional Information: [full citation](#), [abstract](#),**Bibliometrics:** Downloads (6 Weeks): 24, Downloads (12 Months): 233, Citati

Most of the recent work on Web security focuses on preventing attacks
 host machine and user. In this paper we attempt to quantify the threat
 misused for attacking third parties. ...

Keywords: distributed attacks, malicious software, web security3 [Model-directed Web transactions under constrained modalities](#)

Zan Sun, Jalal Mahmud, I. V. Ramakrishnan, Saikat Mukherjee

September 2007 **Transactions on the Web (TWEB)**, Volume 1 Issue 3**Publisher:** ACM [Request Permissions](#)Full text available: [Pdf](#) (3.06 MB) Additional Information: [full citation](#), [abstract](#),**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 191, Citati

Online transactions (e.g., buying a book on the Web) typically involve a
 pages. Conducting such transactions under constrained interaction mod
 screen handhelds or interactive speech interfaces—the ...

Keywords: Web transaction, assistive device, content adaption4 [Puppetnets: Misusing Web Browsers as a Distributed Attack Infrastru](#)


Spiros Antonatos, Periklis Akritidis, Vinh The Lam, Kostas G. Anagnostakis

December 2008 **Transactions on Information and System Security (TI****Publisher:** ACM [Request Permissions](#)Full text available: [Pdf](#) (1.55 MB) Additional Information: [full citation](#), [abstract](#),**Bibliometrics:** Downloads (6 Weeks): 42, Downloads (12 Months): 341, Citati**ADVANCED SEARCH** [Advanced Search](#)**FEEDBACK**
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Most of the recent work on Web security focuses on preventing attacks host machine and user. In this paper we attempt to quantify the threat misused for attacking third parties. Specifically, ...

Keywords: Web security, distributed attacks, malicious software

5 "Yes, but does it scale?": practical considerations for database-drive

 John Russell

October 2001 **SIGDOC '01**: Proceedings of the 19th annual international co documentation

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (231.31 KB) Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 51, Citation



This paper explores the process of designing and implementing a datab: documentation, and putting it live on the web for customers to use. Usin practical considerations for balancing performance, ...

Keywords: Oracle, automation, categorization, database, performance services

6 Queue: Volume 6 Issue 6


 October 2008 Queue

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (5.08 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 60, Downloads (12 Months): 484, Citatic

7 Flashproxy: transparently enabling rich web content via remote exec

 Alex Moshchuk, Steven D. Gribble, Henry M. Levy

June 2008 **MobiSys '08**: Proceeding of the 6th international conference o and services

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (1.10 MB) Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 303, Citatic



It is now common for Web sites to use active Web content, such as Flas support rich, interactive applications. For many mobile devices, howeve problematic. First, the physical resource ...

Keywords: active web content, binary rewriting, flash, proxy, web brov

8 Communications of the ACM: Volume 52 Issue 7


 July 2009 Communications of the ACM

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (7.61 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 938, Downloads (12 Months): 938, Citat

9 The state of the art in automating usability evaluation of user interfac

 Melody Y. Ivory, Marti A Hearst

December 2001 **Computing Surveys (CSUR)** , Volume 33 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.31 MB) Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 144, Downloads (12 Months): 1354, Citations: 1

Usability evaluation is an increasingly important part of the user interface design process. Usability evaluation can be expensive in terms of time and human resources, but it is a promising way to augment existing approaches. ...

Keywords: Graphical user interfaces, taxonomy, usability evaluation, user interface design

10 From the writable web to global editability

 Angelo Di Iorio, Fabio Vitali

September 2005 **HYPERTEXT '05:** Proceedings of the sixteenth ACM conference on Hypertext and Hypermedia

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (695.53 KB) Additional Information: [full citation](#), [abstract](#), [Bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 66, Citations: 0



The technical and competence requirements for writing content on the web are increasing, and this gap widens the gap between authors and readers. Although tools that support collaborative writing, such as blogs and wikis, are becoming more available, the gap remains. ...

Keywords: collaboration, customization, data collection, global editability, user interface design

11 Communications of the ACM: Volume 52 Issue 2


 February 2009 Communications of the ACM

Publisher: ACM



Full text available:  Digital Edition ,  Pdf (7.09 MB) Additional Information: [full citation](#), [Bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 569, Downloads (12 Months): 3024, Citations: 0

12 Communications of the ACM: Volume 52 Issue 4


 April 2009 Communications of the ACM

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (7.58 MB) Additional Information: [full citation](#), [Bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 857, Downloads (12 Months): 1944, Citations: 0

13 Towards highly reliable enterprise network services via inference of dependencies

 Paramvir Bahl, Ranveer Chandra, Albert Greenberg, Srikanth Kandula, David M. W. Lee

August 2007 **SIGCOMM '07:** Proceedings of the 2007 conference on Applications, technologies, architectures, and protocols for computer communications

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (679.67 KB) Additional Information: [full citation](#), [abstract](#), [Bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 188, Citations: 1

Localizing the sources of performance problems in large enterprise networks is a challenging task. Dependencies are numerous, complex and inherently *multi-level*, spanning multiple layers of the network and the computing environment. ...




Keywords: dependencies, fault localization, network and service management, performance analysis

Also published in:




October 2007 **SIGCOMM Computer Communication Review** Volume 37 Issue 4

14 Scientific data repositories: designing for a moving target

Etzard Stolte, Christoph von Praun, Gustavo Alonso, Thomas Gross




-  June 2003 **SIGMOD '03**: Proceedings of the 2003 ACM SIGMOD international conference on database management systems
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (739.27 KB) Additional Information: [full citation](#), [abstract](#),
Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 76, Citation





Managing scientific data warehouses requires constant adaptations to computing algorithms, computing environments, database schemas, and usage patterns. This paper presents a challenge in the RHESI Experimental Data Center (HEDC), ...

- 15 [Activity-based serendipitous recommendations with the Magitti mobile recommender](#)
 Victoria Bellotti, Bo Begole, Ed H. Chi, Nicolas Ducheneaut, Ji Fang, Ellen L. Friedman, Kurt Partridge, Bob Price, Paul Rasmussen, Michael Roberts, Diyar Samir, April 2008 **CHI '08**: Proceeding of the twenty-sixth annual SIGCHI conference on computer supported cooperative computing systems
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (749.69 KB) Additional Information: [full citation](#), [abstract](#),
Bibliometrics: Downloads (6 Weeks): 48, Downloads (12 Months): 425, Citation

This paper presents a context-aware mobile recommender system, code that it infers user activity from context and patterns of user behavior and generates a query, automatically generates ...





Keywords: context aware computing, design, field studies, interaction, systems, user experience

- 16 [Communications of the ACM: Volume 51 Issue 8](#)
 August 2008 Communications of the ACM
Publisher: ACM
Full text available:  [Digital Edition](#),  [Pdf](#) (6.85 MB) Additional Information: [full citation](#)
Bibliometrics: Downloads (6 Weeks): 432, Downloads (12 Months): 3035, Citation

- 17 [Self](#)
 David Ungar, Randall B. Smith
June 2007 **HOPL III**: Proceedings of the third ACM SIGPLAN conference on history of programming languages
Publisher: ACM  [Request Permissions](#)
Full text available:  [Mov](#) (53:9 MIN),  [Pdf](#) (1.70 MB) Additional Information: [full citation](#), [references](#)
Bibliometrics: Downloads (6 Weeks): 70, Downloads (12 Months): 466, Citation

The years 1985 through 1995 saw the birth and development of the language by the authors at Xerox PARC, through first implementations by Ungar at Stanford University, and then with a larger team ...

Keywords: Self, adaptive optimization, cartoon animation, dynamic language, exploratory programming, history of programming languages, morphic, programming environment, prototype-based programming language, vi


- 18 [Computing curricula 2001](#)
 CORPORATE The Joint Task Force on Computing Curricula
September 2001 **Journal on Educational Resources in Computing (JERC)**
Publisher: ACM  [Request Permissions](#)
Full text available:  [Html](#) (2.78 KB),  [Pdf](#) (613.63 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 101, Downloads (12 Months): 1176, Citations

19 [Emstar: A software environment for developing and deploying heterogeneous networks](#)

 Lewis Girod, Nithya Ramanathan, Jeremy Elson, Thanos Stathopoulos, Mar
August 2007 **Transactions on Sensor Networks (TOSN)**, Volume 3 Issue 3

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (994.88 KB) Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 185, Citations



Recent work in wireless embedded networked systems has followed *heterogeneous* a mixture of elements from extremely constrained 8- or 16-bit “Motes” embedded “Microservers.” ...

Keywords: Emstar, Real code simulation, Sensor networks, TinyOS

20 [Communications of the ACM: Volume 51 Issue 9](#)

 September 2008 Communications of the ACM

Publisher: ACM





Full text available:  Digital Edition,  Pdf (8.68 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 353, Downloads (12 Months): 4045, Citations

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